

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/US 02/31912A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F17/28 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 175 684 A (CHONG LEIGHTON K) 29 December 1992 (1992-12-29) column 9, line 22-44 claims 1,10	1,4,7-10
Y		2,3,5,6
Y	EP 0 917 041 A (SEIKO EPSON CORP) 19 May 1999 (1999-05-19) column 1, line 46 -column 2, line 12 column 4, line 44-47	2,3,5,6

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

14 October 2003

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20/10/2003

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5175684	A	29-12-1992	AT 164244 T	15-04-1998
			DE 69129107 D1	23-04-1998
			DE 69129107 T2	22-10-1998
			EP 0519049 A1	23-12-1992
			ES 2116332 T3	16-07-1998
			JP 6508941 T	06-10-1994
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			WO 9212494 A1	23-07-1992
			US 5497319 A	05-03-1996
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			EP 0917041 A2	19-05-1999
			US 6333789 B1	25-12-2001

Form PCT/ISA/210 (patent family annex) (July 1992)